



Atty. Dkt. No. 034536-1595

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Gregory D. PLOWMAN et al.

**Title:** DIAGNOSIS AND TREATMENT OF ALK-7 RELATED DISORDERS

**Appl. No.:** 10/849,518

**Filing Date:** 5/20/2004

**Examiner:** Yao, Lei

**Art Unit:** 1642

**AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.116**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Do not Enter

Sir:

This is a response to the final office action mailed November 16, 2005 concerning the captioned patent application.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this document.

**Remarks/Arguments** begin on page 4 of this document.

Please amend the application as follows.